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NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**BASIC IMAGERY  
INTERPRETATION  
REPORT**

**SUMMARY OF ACTIVITY IN CUBA**

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**MISCELLANEOUS**

**AUGUST 1970**

**SECRET**

Declass Review by NIMA/DOD

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RCA-25/5001/71

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## INTRODUCTION

1. This report summarizes significant photographic intelligence information derived from the [redacted] missions flown over Cuba during the reporting period [redacted]. The cutoff date for information contained in this report [redacted] [redacted] for information concerning the previous reporting period, see RCA-25/5001/70.1

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## SUMMARY

2. During this reporting period, no evidence was observed to indicate an attempt to reintroduce offensive missile systems into Cuba.

3. An increase in SA-2 surface-to-air missile (SAM) related activity was observed during the reporting period [redacted]

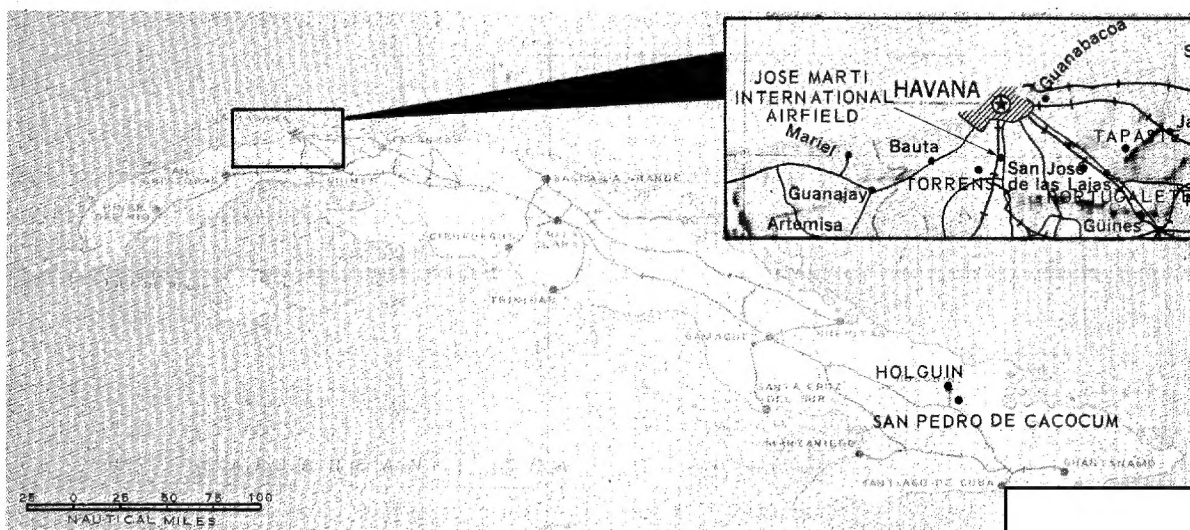
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[redacted] an increase in SA-2 missile canisters was observed at Torrens Missile Support Facility SAM. Significant amounts of SA-2 missile equipment were observed at Portugalete Military Depot, formerly a sugar mill complex (Figure 1, inset). Unusual structures were seen in two launch revetments and two missile-hold positions at San Pedro de Cacocum SAM site. Holguin Missile Support Facility SAM La Veguita was vacated, and Holguin SAM Site WSW was deleted from the active target lists.

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4. Two Soviet TU-95 BEAR D aircraft were observed for the first time in Cuba at Jose Marti International Airfield [redacted] Naval activity and electronics activity remained normal during the reporting period.

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FIGURE 1. LOCATOR MAP

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Extensive construction activity was observed at Matanzas Port with new wharfage and a breakwater under construction. This is the largest project of its kind that has been observed on photography of Cuba.

5. Military ground activity was highlighted by the observation of Soviet 130mm M-46 field guns in the Havana and Holguin areas and by significant construction activity generally parallel to the western perimeter fenceline of the US Naval Base Guantanamo.

6. For a listing by category of the installations discussed in this report, see Table 1.

#### SA-2 MISSILE ACTIVITY

7. The total number of SAM sites and related facilities observed in Cuba and the status of their occupancy during the reporting period are as follows:

| Type of Installation | Total Number Observed | Total Normally Occupied |
|----------------------|-----------------------|-------------------------|
| SA-2 SAM Site        | 28                    | 20*                     |
| SAM Training Area    | 3                     | 2                       |
| SAM Support Area     | 6                     | 4                       |

\*Equipment was present in the onsite support areas at two other sites, but the launch positions and guidance areas remained vacant.

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8. The 20 occupied SA-2 sites have all of the necessary components to be considered fully operational. The two sites with equipment in the onsite support areas could probably become operational in a minimal amount of time. With the increase in equipment observed during this reporting period, Cuba could probably sustain 24 or 25 operational SAM sites. However, the additional equipment is probably needed for training, as a back-up for deployed sites, and for replacement of equipment that has grown old, deteriorated, and exceeded its original shelf life, so that Cuba will probably continue to maintain only 20 to 23 operational SAM sites with an inventory of about 600 - 650 missiles.

9. The status of SAM activity at selected individual locations is as follows:

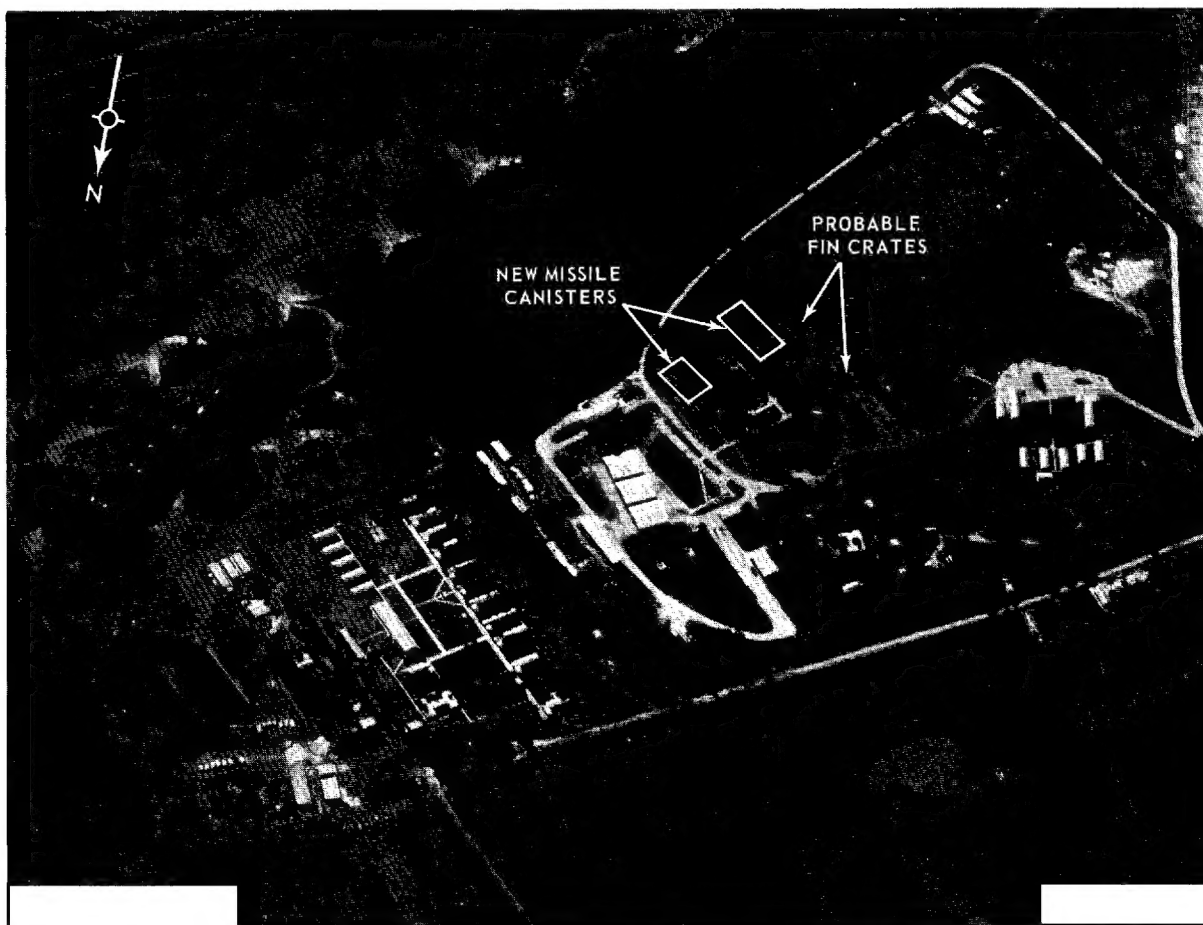


FIGURE 3. TORRENS MISSILE SUPPORT FACILITY SAM

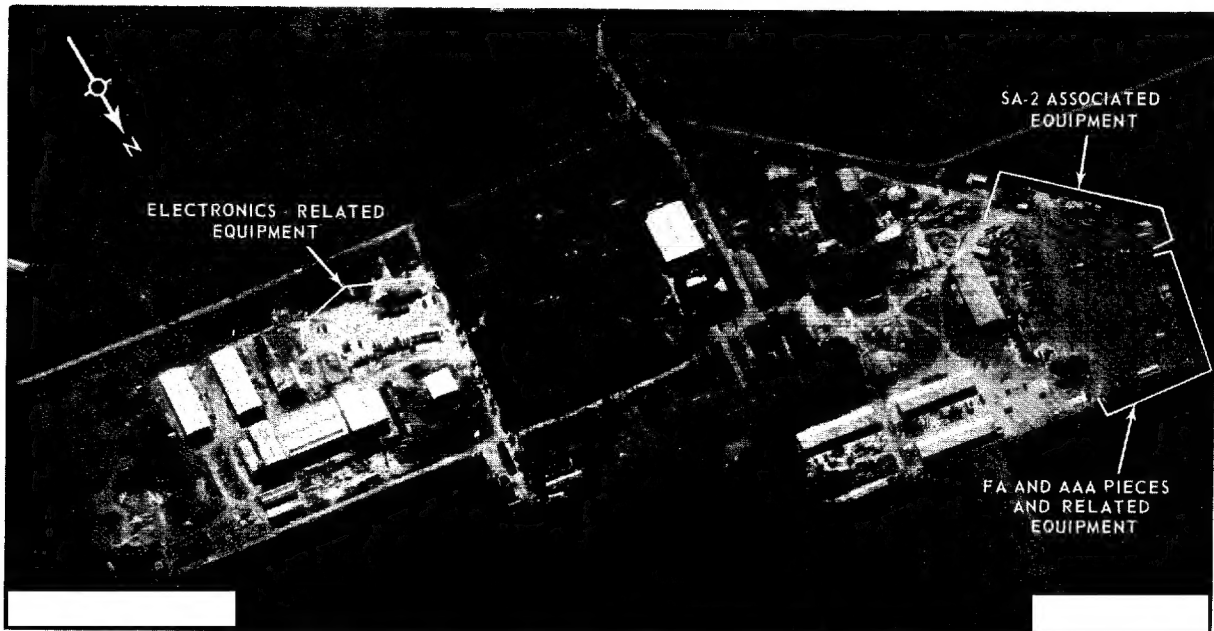
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FIGURE 4. PORTUGALETE MILITARY DEPOT

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11. Torrens Missile Support Facility SAM. Approximately 214 missile canisters were identified at this facility [redacted] (Figure 3). This was an increase of at least 78 missile canisters since [redacted]. In addition, at least 130 possible wing or fin crates were newly identified at this installation on [redacted].

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12. Portugalete Military Depot. Analysis of photography obtained during this reporting period confirmed that the former Portugalete sugar mill complex is now serving as a military depot (Figure 4). Equipment observed [redacted] consisted of one SA-2 missile on a dolly, 15 SA-2 launchers, one missile transporter, one missile canister transporter, four FAN SONG radars, three SPOON REST radars, 17 electronics vans, 18 field artillery (FA) pieces, 36 antiaircraft artillery (AAA), pieces, two range-finders, and at least 50 vehicles or pieces of equipment. Subsequent photo-

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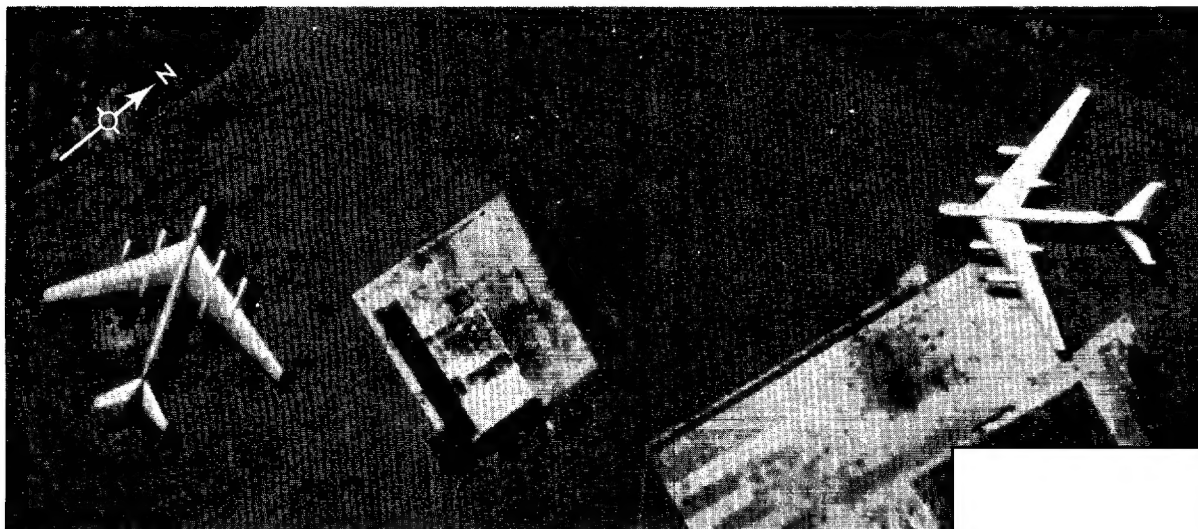
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FIGURE 5. BEAR D AIRCRAFT AT JOSE MARTI INTERNATIONAL AIRFIELD

graphic coverage showed that the equipment remained in the area, and slight increases could be discerned. The presence of SA-2 equipment, FA pieces, and AAA pieces indicates that the depot will probably serve as a support facility for coastal and air defense installations in the Havana area.

13. San Pedro de Cacocum SAM Site A06-2. Unusual construction activity was observed at this site on photography [redacted] The construction consisted of shedlike structures in two of the launch positions, two rectangular shelters in the eastern missile-hold position, and a large rectangular structure in the northernmost missile-hold position. The guidance area and launch positions remained vacant during this reporting period, but SA-2 missile equipment was in the onsite support area.

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14. Holguin Missile Support Facility SAM La Veguita. The facility was being vacated [redacted] Subsequent coverage showed that equipment had been removed and buildings were being razed. The facility remained unoccupied at the end of the reporting period, and a continuing search of photography has not revealed a replacement facility in the same general area.

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15. Holguin SAM Site WSW. This site was deleted from the active target lists.

#### AIR ACTIVITY

16. Two Soviet TU-95 BEAR D aircraft were observed for the first time in Cuba at Jose Marti International Airfield [redacted] (Figure 5). The BEAR D is the ELINT reconnaissance version of the BEAR A, a long-range heavy bomber. The optimum refueled combat range of this aircraft is approximately 10,400 miles.

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17. No increase in the Cuban aircraft order of battle was observed during this reporting period. According to a DIA report, Cuba has an inventory of 152 fighter aircraft (64 FISHBED, ten FARMER, and 78 FAGOT/FRESCO) based at three airfields: San Antonio de los Banos, Holguin, and Camilo Cienfuegos.<sup>2</sup>

18. No new hangar construction was noted during the reporting period.

#### NAVAL AND PORT ACTIVITY

19. Naval order of battle remained normal during this reporting period. The following is a comparison of the Cuban naval order of battle carried by FICLANT<sup>3</sup> with that observed on photography during the reporting period:

| Vessel                                       | FICLANT Inventory | Maximum Number Observed on a Single Mission |
|--|-------------------|---|
| Komar-class Guided Missile Patrol Boat (PTG) | 18                | 18  |
| SO-1-class Submarine Chaser (SC)             | 12                | 12  |
| Kronshtadt-class Submarine Chaser (PC)       | 6                 | 6   |
| P-4/P-6-class Motor Torpedo Boat (PT)        | 24                | 21  |

20. Construction Activity at Matanzas Port. Major improvements to the port at Matanzas were observed during this reporting period. Dredging of the bay and construction of a breakwater were first observed on photography [redacted] section of Dubrocq Wharf was being reconstructed using concrete slabs and pilings; it will extend into the bay approximately [redacted] as previously reported.<sup>4</sup> According to a Cuban report, these improvements will enable ships of up to 20,000 tons to dock at the port, and the project is considered the most important of its kind in the country.<sup>5</sup>

#### ELECTRONICS ACTIVITY

21. No significant change in electronics order of battle was observed during the reporting period.

#### MILITARY GROUND ACTIVITY

22. Soviet 130mm Field Guns in Cuba. Analysis of [redacted] photography revealed the presence of Soviet 130mm M-46 field guns in Cuba. At least 150 of the guns were observed, 120 in the Havana area and 30 in the Holguin

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area. The 130mm guns, which have a range of 16 miles, will probably supplement or replace the older 152 mm gun howitzers, which have a range of only 11 miles, increasing the Cuban coastal defense capability.

23. Guantanamo Area Activity. Fencing was being emplaced within a cleared area approximately 1 nautical mile (nm) west of and generally parallel to the western boundary of the US Naval Base at Guantanamo on 24 February. An irregular swath, extending approximately 2.5 nm north of Playa Conchera, had been cleared through wooded terrain, and triple fencing and at least two guard towers were within the cleared area. [redacted] construction had progressed 4.4 nm inland, and [redacted] clearing operations had turned northeast, still generally paralleling the Guantanamo perimeter. Later photographic coverage indicated that construction was continuing.

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Table 1. List of Targets

| Name                                 | Coordinates          |  |
|--------------------------------------|----------------------|--|
| Surface-to-Air-Missile Installations | 20-49-50N 076-15-16W |  |
| Holguin Msl Sup Fac SAM La Veguita   | 20-49-50N 076-15-16W |  |
| Holguin SAM Site WSW                 | 20-50-25N 076-23-55W |  |
| Portugalete Military Depot           | 22-58-48N 082-12-24W |  |
| San Pedro de Cacocum SAM Site A06-2  | 20-45-45N 076-15-40W |  |
| [redacted]                           |                      |  |
| Torrens Missile Support Fac SAM      | 22-57-48N 082-27-53W |  |
| <u>Airfields</u>                     |                      |  |
| Camilo Cienfuegos                    | 22-29-31N 079-56-31W |  |
| Holguin                              | 20-47-07N 076-18-54W |  |
| Jose Marti International             | 22-59-22N 082-24-27W |  |
| San Antonio de los Banos             | 22-52-16N 082-58-46W |  |
| <u>Port Facilities</u>               |                      |  |
| Matanzas Port                        | 23-03-40N 081-33-05W |  |
| <u>Special Areas</u>                 |                      |  |
| Guantanamo Area 1                    | 19-56-00N 075-16-20W |  |

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1. NPIC. RCA-25/5001/70, Summary of Activity in Cuba, [redacted]  
[redacted] Mar 70 (SECRET [redacted])
2. DIA. AP-240-3-2-70-INT, Free World Air Order of Battle, Latin America, Feb 70 (SECRET [redacted])
3. FICLANT. CL-110-SW-3, Caribbean Forces Naval Order of Battle,  
Mar 70 (SECRET [redacted])
4. NPIC. R-39/70, Improvements to Port Facilities at Matanzas, Cuba, Jun 70 (SECRET)
5. JPRS. 50416, New Matanzas Wharf to be 204 Meters Long, Apr 70  
(For Official Use Only)

REQUIREMENT

COMIREX BR-Z04  
NPIC Project 221900

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